

REMARKS

Claims 1-4 are pending in the application and claims 1-4 have been rejected.

35 USC §102 Rejections

Claims 1-4 stand rejected under 35 U.S.C. §102(b) as being anticipated by Yunoki (U.S. 5,717,859).

The present invention is a server (10) able to communicate with different appliances using different SDPs (Service Discovery Protocol) using a common database (11). The common database (11) stores service information for service attributes provided by SDP handlers (12, 13, and 14). The service information stored in the common database (11) is written in a common format that can be understood by all SDP handlers (12, 13, and 14).

Yunoki describes a multimedia communications system in which an SS7 handler (45) is provided for protocol conversion between the protocol of a common channel #7 and an ATM-SM internal protocol.

Contrary to the Examiner's assertions, Yunoki fails to describe a common database for storing service information on several service discovery protocols, written in a common format as recited in claim 1.

Yunoki teaches a service control point 21 with SS7 handler 34 and a service switching point 22 with SS7 handler 45. The SS7 handlers convert protocol to and from a common

channel signaling #7. Thus, a common database for protocol conversion is not necessary. Yunoki fails to describe a common database.

On the other hand, a DSP server in the present invention has a common database for storing service information on a plurality of service discovery protocols, written in a common format. The service information for service attributes is converted bi-directionally between different protocols by using the common database.

Therefore, the prior art of record fails to describe a common database as recited in claim 1. Thus, claim 1 patentably distinguishes over the prior art relied upon by reciting,

“A service discovery protocol server for discovering a service provided by an apparatus using a service discovery protocol, from another apparatus using a service discovery protocol different from said service discovery protocol, said server comprising; a common database for storing service information on a plurality of service discovery protocols, written in a common format; and a handler means for handling one of said plurality of service discovery protocols, said handler means including a conversion means for mutually converting service information between a format used in said one service discovery protocol handled in this handler means and said common format.” (Emphasis Added).

In view of the above remarks, Applicants respectfully traverse the rejection of Claims 1-4 under 35 U.S.C. §102(b). Therefore, withdrawal of the rejection of Claims 1-4 under 35 U.S.C. §102(b) as being anticipated by Yunoki (U.S. 5,717,859) is respectfully requested.

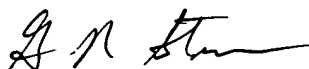
Conclusion

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicants undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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